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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/185,365	11/03/98	LEE C	K0405-7025-C

IM62/0519

CHRISTOPHER S SCHULTZ
WOLF GREENFIELD & SACK
FEDERAL RESERVE PLAZA
600 ATLANTIC AVENUE
BOSTON MA 02210-2211

EXAMINER	
HEITBRINK, J	
ART UNIT	**PAPER NUMBER**
1732	10

DATE MAILED: 05/19/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.	Applicant(s)
09/185,365	Lee et al
Examiner	**Group Art Unit**
Jill L. Heitbrink	1732

☒ Responsive to communication(s) filed on *Mar 22, 2000* .

☐ This action is **FINAL.**

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire *3* month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) *11-27* is/are pending in the application.

Of the above, claim(s) *16-26* is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) *11-15 and 27* is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐approved ☐disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) _____ .

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____ .

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). *2,4*

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

1. Applicant's election of Group I, claims 11-15 and 27 in Paper No. 9 is acknowledged. Because applicant did not distinctly and specifically point out the supposed errors in the restriction requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)).

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 11-15 and 27 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 11, lines 3, 7 --the-- should be inserted before "clamp".

Claim 27, lines 3, 8 --the-- should be inserted before "clamp".

Claim 27, line 11 --the-- should be inserted before "valve".

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

5. Claims 11-15 and 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gellert '179.

Gellert discloses a "screw 126 with a driven end 128 is connected by coupling 130 to the valve pin 118" at col. 5, lines 66-68 and a removable cap 50. The disclosure does not specifically define the manner of decoupling the element in Gellert. However, it would have been obvious to a person of ordinary skill in the art that in Gellert the valve pin would have been decoupled from the piston while the clamp plate remains coupled to the mold and the valve pin actuator remains mounted in the clamp plate since the removable cap 50 and the plug 58 are removable which would give access to the screw 126 which is connected to the coupling 130. Thus, the screw 126 would have been decoupled from the valve pin (118 and 130) while the clamp plate (back plate 24) remains coupled to the manifold plate 114 and the movable mold plate 36, and while the actuator (piston 44) remains mounted in the clamp plate 24. Additionally, the decoupling of the valve pin 118 from the screw 126 would allow the valve pin to remain in the manifold when the clamp plate and valve pin actuator piston is decoupled from the mold.

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jill Heitbrink whose telephone number is (703) 308-0673. The examiner can normally be reached on Monday through Friday from 9:30 AM to 2:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jan Silbaugh, can be reached on (703) 308-3829. The fax phone number for this Group is (703) 305-7718.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0661.

JLH

May 17, 2000

JILL L. HEITBRINK
PRIMARY EXAMINER
ART UNIT 137